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PUBLICATION 48.

BOTANICAL SERIES. VOL. I, No. 6.

PLANTÆ INSULÆ ANANASENSIS

A CATALOGUE OF PLANTS COLLECTED ON THE ISLE OF PINES, CUBA, BY DON JOSÉ BLAIN.

BY

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CHICAGO, U. S. A.

August, 1900.

PLANTÆ INSULÆ ANANASENSIS.

CHARLES FREDERICK MILLSPAUGH, M.D.

This museum lately came into possession of a set of plants collected by Don José Blain, on the northern portion of the Isle of Pines, Cuba, and sent by him to Sr. Sauvalle, who communicated them to Mr. Charles Wright, from the remains of whose herbarium they were obtained.

This collection proves to be a particularly interesting one, not only on account of the few common forms of the island included in its 185 numbers, but also because of the scarcity of plants from that region in herbaria. For these reasons they are considered worthy of publication as a whole.

Many of the sheets bear determinative remarks by either Sauvalle or Wright, and a few the insular vulgar name, and month of flowering; but on none of them is the year of collection, which must, however, have been some time in the middle 60's.

With the exception of a few small plants, the specimens are chiefly flowering tips, and do not exist in duplicate to any extent; while a few of the numbers are too scrappy to be determinable with certainty; these latter are not included in the following list:

CATALOGUE.

PINACEÆ.

Pinus Cubensis Griseb. Mem. Am. Acad., 1863, 530.
(96, 108). "The cones of this species never open.—Blain."

CYPERACEÆ.

Kyllingia brevifolia Rottb. Desc. et Ic., 13.
(168).

Heleocharis interstincta (Vahl.) R. Br. Prod., 224.
(113). *Cyperus* Vahl.

Rynchospora scutellata Griseb. Cat. Pl. Cub., 246.
(43). "Cortadera."

PALMACEÆ.

Sabal Blackbournianum Glaz. Loud. Gard. Mag., 1829, 52.
(75, 94). "Guam de Caña Legitimo."

Geonoma Swartzii Griseb. & Wendl. Cat. Pl. Cub., 222.
(170). *Elæis occidentalis* Sw. *Calyptronoma* Griseb. Pl. Br. W. I., 518.

RESTIONACEÆ.

Paepalanthus androsaeus Griseb. Cat. Pl. Cub., 225.
(151). May.

LILIACEÆ.

Similax Havanensis Jacq. Enum., 33.
(39, 95). "Zarzuela."

HAEMODORACEÆ.

Xiphidium floribundum Sw. Prod. Veg. Ind. Occ., 17.
(45). "In Cuba this species grows only in shady situations in glens, never on the open savannas; here, however, it seeks the open plains far from shade.—Blain."

AMARYLLIDACEÆ.

Crinum erubescens Soland. Ait. Hort. Kew., 1:143.
(46).

Hypoxis juncea Sm. Spicil., 15.
(33). June.

Hypoxis scorzonerifolia Lam. Encyc., 3:183.
(34). May.

DIOSCOREACEÆ.

Dioscorea trifida L. f. Supp., 427.
(98). "Couche Couche."

IRIDACEÆ.

Sisyrinchium sp.
(48). June. "Flowers blue."

ZINGIBERACEÆ.

Zingiber officinale Rosc. Trans. Linn. Soc., 8:348.
(105). "Ajenjibre."

ORCHIDACEÆ.

Vanilla anaromatica Griseb. Fl. Br. W. I., 638.
(123). "Bejuco Caballero."

Epidendron pallidiflorum Hook. Bot. Mag., t. 2980.
(82, 122).

PIPERACEÆ.

Piper tuberculatum Jacq. Ic. Pl. Rar., 2:2.
(17, 20, 40, 181). May to June.

POLYGONACEÆ.

Polygonum glabrum Willd. Sp. 2:447.
(109.)

Coccoloba retusa Griseb. Cat. Pl. Cub., 61.
(185). August. "Manati."

AMARANTACEÆ.

Lithophila vermiculata (L.) Uline. Field Col. Mus. Bot., 2:39.
(76). June. "Peregil de Costa."

NYCTAGINACEÆ.

Pisonia rotundata Griseb. Cat. Pl. Cub., 283.
(8).

MENISPERMACEÆ.

Cissampelos Pareira Linn. Sp. Pl., 1031.
(52). June.

LAURACEÆ.

Nectandra patens (Sw.) Griseb. Fl. Br. W. I., 231.
(90). Santa Fé, June. "Moniato."

Nectandra exaltata Griseb. Cat. Pl. Cub., 111.
(116). "Boniatillo." "Rangel." February.

CAPPARIDACEÆ.

Cleome procumbens Jacq. Enum. Pl. Carib., 261.
(49).

ROSACEÆ.

Hirtella mollicoma H. B. K. Nov. Gen. et Sp., 7:263.
(25). "Teta de Jagua." "Icaco Peludo." "Icaco de Aura."

LEGUMINOSACEÆ.

Acacia Vincentis (Bth.) Griseb. Fl. Br. W. I., 222.
(120). April.

Indigofera pascuorum Bth. Ann. Nat. Hist., 1839, 431.
(23).

Brya Ebenus (L.) de C. Prod., 2:421.
(135). "Ebeno."

Aeschynomene tenuis Griseb. Cat. Pl. Cub., 72.
(24). June.

Zornia diphylla Pers. Syn., 318.
(101). November.

Meibomia scorpiurus (Sw.) Kuntze. Rev. Gen., 198.
(77).

Piscidia erythrina Linn. Syst. ed. x, 1155.
(159). May. "Guama Hediondo."

Clitoria glomerata Griseb. Cat. Pl. Cub., 62.

Clitoria cajanifolia Bth. Mart. Fl. Braz., 15, 1:121.
(29). June. "Papo de la Reina.'

Canavalia Cubensis Griseb. Mem. Am. Acad., 1861, 178.
(97). December. "Maté."

Galactia angustifolia retusa Wright, Griseb. Cat. Pl. Cub., 75.
(61).

Galactia filiformis Cubensis (Kth.) Griseb. Cat. Pl. Cub., 75.
(92).

Eriosema crinitum G. Don. Gen. Syst., 2:348.
(47). July.

OXALIDACEÆ.

Oxalis frutescens Linn. Sp. Pl., 435.
(27, 139). May. Flowering peduncles twice exceeding the leaf.

ERYTHROXYLACEÆ.

Erythroxylum alaternifolium A. Rich. Ess. Fl. Cub., 256.
(55, 155, 165). May to July. "Arabillo."

ZYGOPHYLLACEÆ.

Guaicum sanctum Linn. Sp. Pl., 382.
(124).

BURSERACEÆ.

Protium heptaphyllum (Aubl.) March, Kjoeb. Vid. Med., 1873, 55.
(7, 35, 161). May. "Copal."

MALPIGHIACEÆ.

Malpighia coccigera Linn. Sp. Pl., ed. 2:426.
(36). May and June. "Palo Bronco de Pinares."

Malpighia urens Linn. ibid.
(37). June.

Malpighia setosa Spr. Neue. Entdeck., 3:50.
(144). "Palo Bronco."

Byrsonima verbascifolia Rich. An. Mus. Par., 1811, 481.
(134, 141, 172). May. "Paralejo blanco del Pinar."

Byrsonima Cubensis Juss. Arch. Mus. Par., 1843, 292.
(136). May to June.

POLYGALACEÆ.

Polygala unciata (Wright Mss.) sp. nov.

Glabrous. Rameal leaves minute. Flowers rosaceous; lower sepals narrowly oblong, shorter than the broadly elliptic upper one; wings obovate, twice as long as the obovate-oblong, scarcely emarginate capsule. Seeds suspended by a slender funiculus, obovate-elliptic, blackish, covered with spreading stiffish hairs uncinate at the apex and nearly equaling the short diameter of the seed.

Stems slender, terete, 35-40 cm. long; branches filiform 10-20 cm. long; leaves 1-1.5 mm. long. Near P. glochidiata H. B. K.
(16, 160). June.

EUPHORBIACEÆ.

Croton reptans Sw. Prod. Veg. Ind. Occ., 99.
(62). June.

Croton crasspedotrichus Griseb. Goet. Nach., 1865, 173.
(63).

Croton cerinus Müll. deC. Prod. 15, 2:570.
(64). June.

Croton lobatus Linn. Sp. Pl., 1005.
(81).

Croton bispinosus Wright, Sauv. Fl. Cub., 128.
(117, 178).

Croton discolor Willd. Sp., 4:582.
(133). May.

Phyllanthus cyclanthera Baill. Adansonia, 1:31.
(107).

Phyllanthus diffusus Kl. Seem. Bot. Voy. Her., 105.
(174).

Pera oppositifolia Griseb. Goett. Nachr., 1865, 181.
(53).

Jatropha multifida Linn. Sp. Pl., 1006.
(106). "Chayo Coral."

Sebastiania corniculata (Baill.) Müll. deC. Prod., 15, 2:1168.
(111).

AQUIFOLIACEÆ.

Ilex montana Griseb. Mem. Am. Acad., 1861, 171.
(152). June and July.

HIPPOCRATEACEÆ.

Salacia Blainii sp. nov.

Shrubby, branches virgate, puberulous at the tips. Leaves petiolate, glabrous, finely and prominently venulate, whitish beneath, obovate, acute, narrowed at the base or somewhat rounded, shallowly crenate-dentate, the teeth glandular. Inflorescence in axillary, long peduncled trichotomous cymes about two-thirds the length of the leaves; calyx lobes ovate-deltoid, ciliate on the margin, about one-fourth the length of the ligulate, acute, pulverent petals; stamens 3, attached to the summit of the receptacle near the base of the style; filaments ligulate, curved, anther oval, the cells confluent, transversely dehiscent. Disk large, conical, crenate below; ovary 3-celled, imbedded in the apex of the disk, cells 4-ovuled; style long, stigma capitate, 3-lobed. Fruit unknown.

Leaves 5-7.5 x 2.5-3 cm., petioles 6-8 mm., internodes about 4 cm. (176).

STAPHYLEACEÆ.

Huertea Cubensis Griseb. Cat. Fl. Cub., 66.
(115, 169). "Rangel."

TILIACEÆ.

Belotia grewiaefolia A. Rich. Ess. Fl. Cub., 209.
(175).

MALVACEÆ.

Sida hederaefolia Cav. Diss., 1:8.
(41).

Sida cordifolia Linn. Sp. Pl., 684.
(102). November.

Pavonia racemosa Sw. Fl. Ind. Occ., 2:1215.
(87). June. "Majaquillo de Corte."

STERCULIACEÆ.

Melochia hirsuta Cav. Diss., 6:323.
(14). June.

THEACEÆ.

Haemocharis Curtyana (Rich.) comb. nov.
(22). *Laplacea* Rich. Ess. Fl. Cub., 225. "Almendro."

GUTTIFERACEÆ.

Hypericum galioides Cubensis Griseb. Cat. Pl. Cub., 39.
(129, 150). May.

FLACOURTIACEÆ.

Flacourtia inermis Roxb. Hort. Beng., 73.
(121). "An introduced tree—Blain."

Samyda grandiflora Griseb. Cat. Pl. Cub., 11.
(112).

THYMELEACEÆ.

Lagetta lintearia Lam. Encyc., 3:376.
(158).

LYTHRACEÆ.

Cuphaea pseudomelanium Griseb. Cat. Pl. Cub., 104.
(65, 66).

COMBRETACEÆ.

Bucida Buceras Linn. Syst. ed. x:1025.
(130). May. "Jucaro Prieto."

Laguncularia racemosa Gaertn. Fruct., 3:209.
(80). June. "Pataban."

MYRTACEÆ.

Chytraculia punctata (Griseb.) comb. nov.
(148, 166). May. *Calyptranthes* Griseb. Mem. Am. Acad., 1861, 181.

Eugenia brevipes A. Rich. Ess. Fl. Cub., 584.
(54).

Eugenia dichotoma (Vahl.) de C. Prod., 3:378.
(114).

MELASTOMACEÆ.

Chaetolepis Cubensis (Wright) Tri. Trans. Linn. Soc., 1871, 51.
(67). June.

Chaetolepis saturaeioides Tri. Trans. Linn. Soc., 1871, 51.
(164). May and June.

Acisanthera quadrata Juss. Poir. Encyc. Supp., 1:111.
(70, 162). May and June.

Tetrazygia argyrophylla (Rich.) comb. nov.
(131). *Naudinia* Rich. Cub., t. 44.

Miconia prasina de C. Prod., 3:188.
(1, 2, 4, 5, 6, 127). May to June. "Cordovancillo."

Miconia Wrightii (Griseb.) Trian. Trans. Linn. Soc., 1841, 103.
(138, 140). May.

Miconia praecox Wright, Sauv. Fl. Cub., 47.
(167).

Miconia androsaemifolia Griseb. Cat. Pl. Cub., 100.
(171).

Pachyanthus Cubensis A. Rich. Ess. Fl. Cub., 1:560.
(68).

Clidemia spicata (Aubl.) de C. Prod., 3:159.
(69, 125). May and June.

Ossaea macrandra (Wright) comb. nov.
(73, 74, 91). June. *Sagraea* Wr. Sauv. Fl. Cub., 46.

Henriettella parviflora Trian. Trans. Linn. Soc., 1871, 144.
(3, 71). "Cordovan."

ARALIACEÆ.

Gilibertia cuneata March, Mart. Fl. Braz., 11, 1:250.
(21, 31, 149). May to June.

EBENACEÆ.

Maba Caribaea (de C.) Hiern. Tr. Camb. Phil. Soc., 1873, 125.
(128, 180). May. "Ebeno Carbonero."

Diospyros laurifolia A. Rich. Fl. Cub. Fan., 2:86.
(179). "Zapote Negro."

SYMPLOCACEÆ.

Symplocos salicifolia Griseb. Cat. Pl. Cub., 168.
(137).

Symplocos Martinicense Jacq. Enum. Pl. Carib., 24.
(157). May.

LOGANIACEÆ.

Spigelia Blainii sp. nov.

Glabrous. Erect from a subligneous rootstalk; stem tetragonal, sparingly branched or simple, nodes few. Leaves sessile, narrowly lanceolate, acuminate, scabrous on the revolute margin. Spikes terminal and axillary, ascending, 3-7-flowered; flowers sessile, corolla tube elongared-cylindrical, 6 times the length of the calyx; calyx lobes 5, ligulate, recurved at the apex. Corolla lobes ovate, acute. Fruit unknown.

Stems 5-15 cm.; upper internodes 4-5 cm.; spikes at length about 5 cm.; flowers 1 cm. distant. Leaves on the young plants 1-1.5 cm. x 1 mm., older leaves 2-3 cm. x 3-4 mm.

(51).

APOCYNACEÆ.

Cameraria retusa Griseb. Fl. Br. W. I., 410.
(145). "Illaba de los Pinares."

Echites paludosa Vahl, Ec. Am., 2:19.
(78). June. "Clavelitas de Sabana."

Echites umbellata Jacq. Pl. Carib., 13.
(88).

Forsteronia corymbosa Mey. Prim. Fl. Esseq., 134.
(93). "Curamaquey Prieto."

ASCLEPIADACEÆ.

Philibertia viminalis (Sw.) A. Gray, Proc. Am. Acad., 12:64.
(104). September and October.

Metastelma hamatum Griseb. Cat. Pl. Cub., 173.
(110).

Marsdenia umbellata Griseb. Cat. Pl. Cub., 178.
(118).

CONVOLVULACEÆ.

Ipomoea Batatas (Linn.) Poir. Lam. Encyc., 6:14.
(99). "Flor de Boniato."

Ipomoea argentifolia A. Rich. Fl. Cub., 2:131.
(100).

Ipomoea repanda Jacq. Enum. Pl. Carib., 13.
(132).

Evolvulus sericeus Sw. Prod. Veg. Ind. Occ., 55.
(10). June.

BORRAGINACEÆ.

Tournefortia volubilis Linn. Sp. Pl., 146.
(42).

Heliotropium Curassavicum Linn. Sp. Pl., 130.
(84). August.

Heliotropium reversiferum (Wright nom. herb.) sp. nov.

Suffrutescent; branches erect, aciculate-pilose throughout. Leaves narrowly lanceolate, subsessile or short petioled. Inflorescence a densely flowered, rarely 2-forked spike, strongly circinate at the apex, often twice or thrice reversed, as evidenced by the 2-3-curved fruiting portion. Corolla nearly as long as the calyx-lobes, smooth within. Anthers sessile, distinct, acuminate, inserted above the base of the corolla tube. Calyx lobes ovate-acute, unequal. Stigma phalloid, 4-lobed, with a ring of teeth at the apex and a secondary one of scale-like, thick hairs at the base; style slightly longer than the stigma. Fruit a conical cluster of 4 3-gonal nutlets, slightly aciculate-hairy at the base.

Stems ligneous, prostrate; branches slender, erect, terete, 17-26 cm., branchlets few. Leaves 1-1.5 x .2-.4 cm. Apparently near H. filiforme Kth.

At San Francisco, four leagues from Santa Fé, June. (58, 85).

VERBENACEÆ.

Lantana involucrata Linn. Amoen. Acad., 4:319.
(142).

Lippia nodiflora (L.) Michx. Fl. Bor. Am., 2:15.
(79). June.

Petitia Poeppigii Schau. de C. Prod., 3:639.
(18). June. "Roble Guayo."

LABIATACEÆ.

Mesosphaerum actinocephalum (Griseb.) Ktze. Rev. Gen., 526.
(26).

SOLANACEÆ.

Physalis angulata Linn. Sp. Pl., 183.
(126). "Huevo Gallo." "A valuable anti-venereal.—Blain."

SCROPHULARIACEÆ.

Gerardia Domingensis Spr. Syst., 2:807.
32). May and June.

BIGNONIACEÆ.

Tecoma lepidophylla Griseb. Mem. Am. Acad., 1862, 524.
(173). "Roble del Pinar." "Caimito Partido de las Pocas."

GESNERIACEÆ.

Conradia pumila Mart. Nov. Gen. et Sp., 348.
(50). June.

ACANTHACEÆ.

Stenadrium droseroides Nees de C. Prod., 11:284.
(11). June.

RUBIACEÆ.

Oldenlandia corymbosa Linn. Sp. Pl., 119.
(9). June.

Rondeletia correifolia Griseb. Cat. Pl. Cub., 129.
(153, 163). May.

Exostemma ellipticum Griseb. Pl. Wr. Cub., 504.
(12). "Vigueta Blanca." "Quina." "Piton." June. "Antifebrile.—Blain."

Cephalanthus occidentalis salicifolius (H. & B.) A. Gray, Fl. N. A., 1, 2:29.
(89). "Aroma de Laguna."

Guettarda calyptrata A. Rich. Fl. Cub., 2:21.
(147). May.

Machaonia cymosa Griseb. Fl. Br. W. I., 348.
(44).

Psychotria tubulosa A. Rich. Fl. Cub., 2:27.
(15, 28, 154, 183). May and June.

Faramea odoratissima de C. Prod., 4:496.
(19). June.

Morinda Roioc Linn. Sp. Pl., 176.
(146). May.

Spermacoce podocephala (de C.) A. Gray, Fl. N. A., 1, 2:34.
(56).

CUCURBITACEÆ.

Fevillea cordifolia Linn. Sp. Pl., 1013.
(119). "Flor Macho."

COMPOSITACEÆ.

Lachnorrhiza piloselloides A. Rich. Fl. Cub., 2:34.
(83). June.

Eupatorium foeniculaceum Willd. Sp. Pl., 3:1750.
(103).

Sachsia polycephala Griseb. Cat. Pl. Cub., 151.
(38).

Heptanthus ranunculoides Griseb. Cat. Pl. Cub., 148.
(57).

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VOL. I, NO. 7.

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ST. CROIX.

MILLSPAUGH, M.D.,
ıent of Botany.

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1902.